

ABSTRACT OF THE DISCLOSURE

Voltage boosters or pass circuits for generating a boosted voltage are advantageous in the decoding and programming of memory devices and, in particular, NAND flash memory devices. The boosted voltage can be used as a gate voltage for a pass gate providing programming voltages to a selected block of memory cells, such as in a NAND flash memory array. The pass circuits facilitate the elimination of high-voltage p-channel devices by providing a boosted voltage using n-channel devices. The pass circuits further permit control of multiple pass gates using a single boosted voltage source.